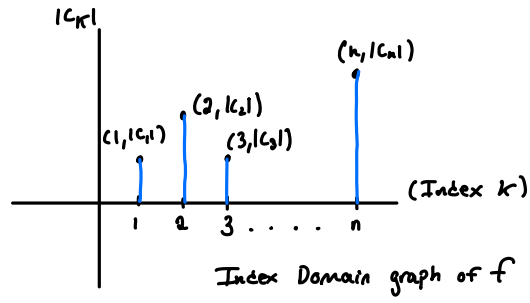
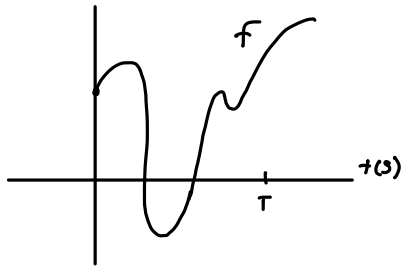


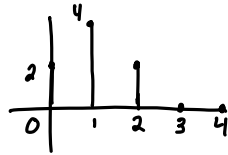
3.6

$$f(t) = c_1 g_1(t) + \dots + c_n g_n(t)$$



Ex Suppose $T=1$

$$h_b(t) ?$$



$$a_0 = 2 \quad b_1 = 8 \quad b_2 = 4$$

$$h_b(t) = 2 + 8 \sin(2\pi \cdot 1 \cdot t) + 4 \sin(2\pi \cdot 2 \cdot t)$$